

Title (en)

Method and system to assess objectively visual characteristics

Title (de)

Methode und System zur objektiven Vermessung des Auges

Title (fr)

Methode et system pour mesurer objectivement l'oeil

Publication

EP 1882444 A1 20080130 (EN)

Application

EP 06291234 A 20060728

Priority

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Abstract (en)

A method to assess objectively visual characteristics of an eye (10) of a patient (1) comprising the steps of: a) positioning the patient's (1) head in a reading position, b) determining the visual characteristics by using a device (3) arranged to assess objectively visual characteristics of an eye (10), the device being arranged to emit a light beam (81, 82). Relates also to a system for assessing objectively visual characteristics of an eye (10) of a patient (1) comprising: - a head support arranged to position the patient's (1) head in a reading position, - a device (3) arranged to assess objectively visual characteristics of an eye (10), the device (3) being arranged to emit a light beam (81, 82).

IPC 8 full level

A61B 3/103 (2006.01); **A61B 3/032** (2006.01); **A61B 3/12** (2006.01)

CPC (source: EP US)

A61B 3/032 (2013.01 - EP US); **A61B 3/103** (2013.01 - EP US); **A61B 3/1208** (2013.01 - EP US)

Citation (applicant)

- GB 1269799 A 19720406 - OPTOTECHNIK G M B H [DE]
- US 5859687 A 19990112 - HEINE HELMUT [DE], et al

Citation (search report)

- [X] US 3454331 A 19690708 - MAITENAZ BERNARD CRETIN
- [X] CH 545097 A 19740131 - TROGRLIC KAZIMIR DR MED [YU]
- [X] WO 2006076653 A2 20060720 - VISX INC [US], et al
- [X] US 2003143391 A1 20030731 - LAI SHUI T [US]
- [X] US 5444504 A 19950822 - KOBAYASHI TOSHIRO [JP], et al
- [X] FR 2672792 A1 19920821 - BUCHMANN OPTICAL ENG [BE]
- [X] FR 2384232 A1 19781013 - ESSILOL INT [FR]
- [A] WO 0162139 A1 20010830 - SOLA INT HOLDINGS [AU], et al
- [A] US 6286957 B1 20010911 - LIVNAT AMI [IL]
- [A] US 2635502 A 19530421 - MARK RICHARDS JOHN
- [A] US 4572692 A 19860225 - SAUBER CHARLES J [US]
- [A] US 2337898 A 19431228 - JOBE FREDERICK W, et al
- [X] US 2441783 A 19480518 - WILLIAMS FRANK J
- [X] US 5889577 A 19990330 - KOHAYAKAWA YOSHIMI [JP]
- [X] ES 2043546 A2 19931216 - INDO INT SA [ES]
- [X] FR 2538239 A1 19840629 - ESSILOL INT [FR]
- [E] EP 1700562 A2 20060913 - NIDEK KK [JP]
- [A] US 2523007 A 19500919 - GLAZER WILLIAM H
- [A] US 2002176051 A1 20021128 - SALADIN J JAMES [US]

Cited by

JP2015502232A; WO2013093279A1; JP2015502234A; CN106716231A; FR2984717A1; CN104977732A; RU2677528C2; AU2014374398B2; US10216006B2; WO2016050664A1; WO2015168812A1; US9289119B2; US10492676B2; WO2015102703A1; JP2017514659A; AU2015255561B2; US9833140B2; US10117574B2; US10292583B2; US10492679B2; US9066683B2; US9629541B2; US9801538B2; US10349828B2; WO2013093363A1; US9521951B2; US9907466B2

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DOCDB simple family (application)

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